



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7**

11201 Renner Boulevard
Lenexa, Kansas 66219

JUL 30 2014

Don Van Dyke
Hazardous Waste Program
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, Missouri 65102-0176

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Dear Mr. Van Dyke:

The U.S. Environmental Protection Agency has received your letter dated July 21, 2014 transmitting your concerns on the draft Third Five-Year Review Report for the Missouri Electric Works Superfund site in Cape Girardeau, Missouri. Most of your concerns were not of a nature that could be directly addressed in the Five-Year Review, so the EPA felt it appropriate to respond directly to the concerns you raised in your letter.

The Third Five-Year Review Report does call for additional investigation of the newly-discovered PCB detections in the surface soil over the 10 milligrams per kilogram cleanup standard specified in the 1990 OU-1 ROD, as acknowledged in your letter. The EPA agrees with your recommendation to expeditiously investigate the contamination in the sediments and the alluvial bottom pond in OU-3, and is in the process of negotiating an Administrative Order on Consent with the Missouri Electric Works Steering Committee that will compel MEWSC to conduct an RI/FS for OU-3.

The EPA does not understand your statements requesting further investigation and characterization of contaminant migration through fracture flow into the alluvial aquifer. This issue, among others, was evaluated in the OU-2 RI/FS and addressed to the extent practicable in the 2005 OU-2 ROD, with which MDNR concurred. The technical impracticability waiver selected for the fractured bedrock aquifer portion of OU-2 is an acknowledgement that there are no technologies available to address any such migration that might be occurring. Future groundwater sampling in the OU-2 alluvial aquifer as part of the selected remedy will allow the EPA to determine if additional contaminants migrate to this aquifer and help inform any additional remedial actions that might become necessary.

The EPA appreciates MDNR's participation in the five-year review process for MEW. If you have any additional concerns or questions, please contact me at (913) 551-7324.

Sincerely,

Daniel R. Gravatt, PG
Missouri-Kansas Remedial Branch
Superfund Division